

FIG.1

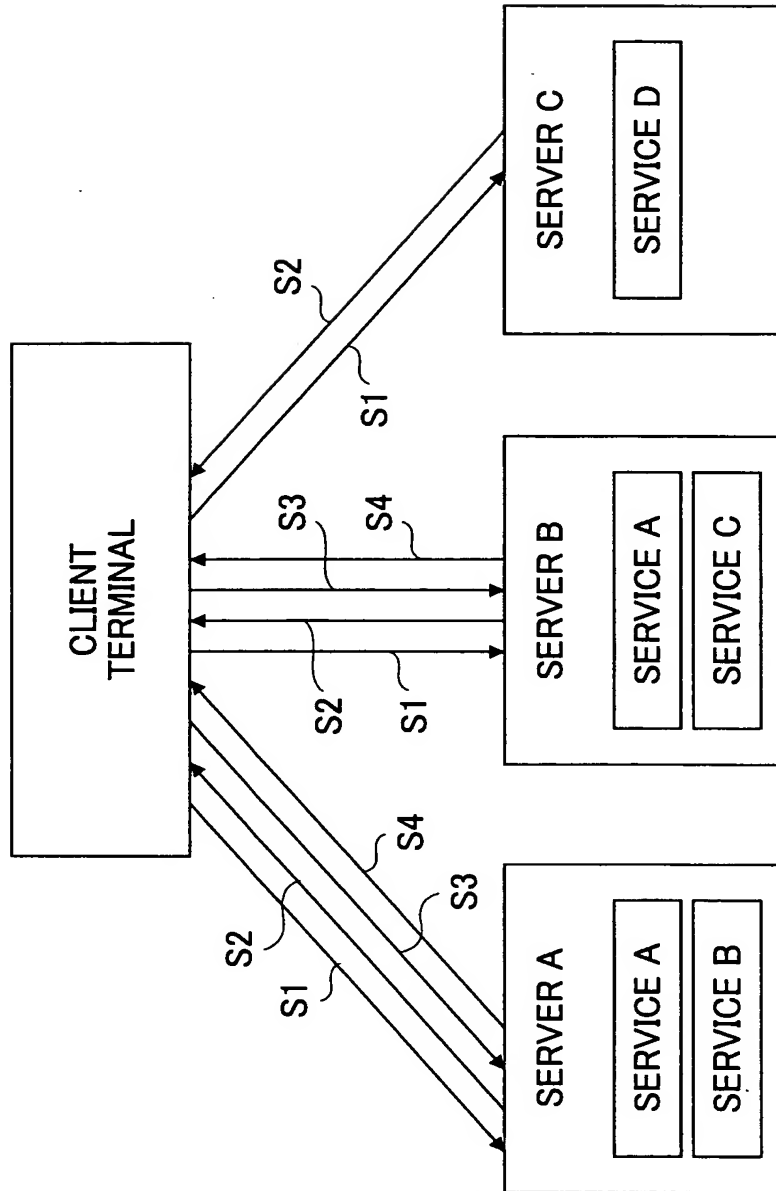


FIG.2

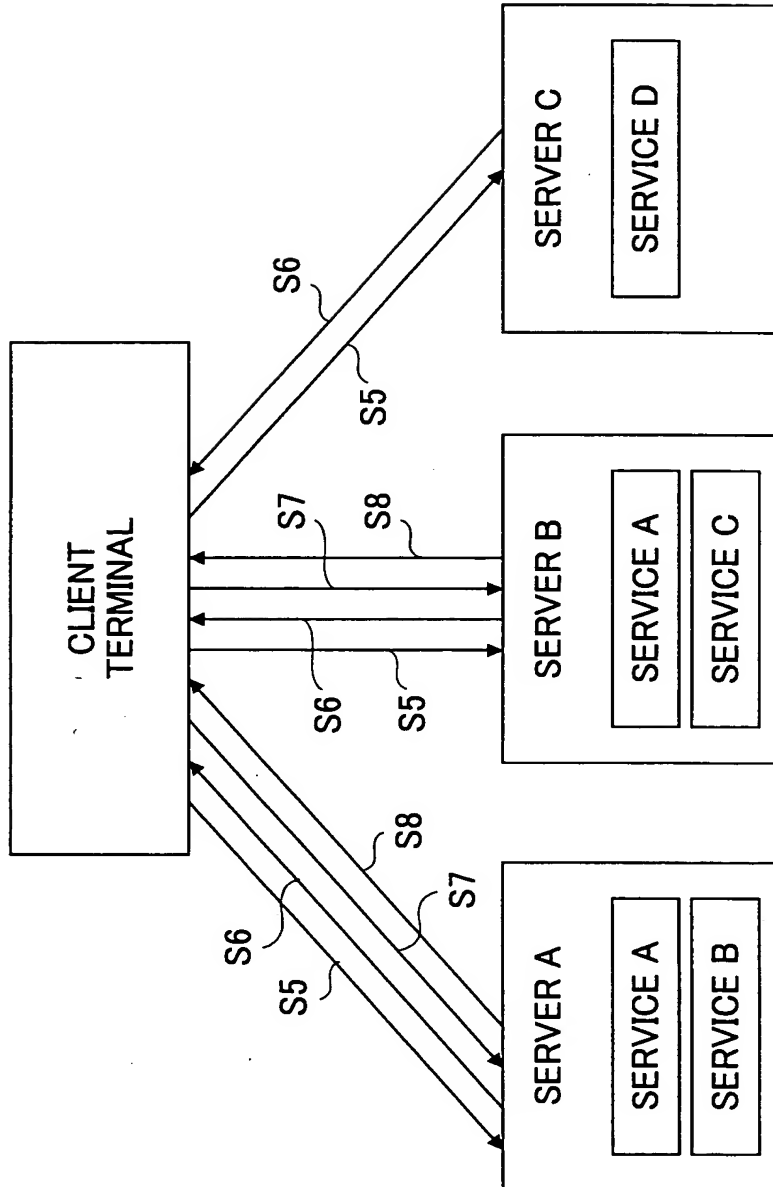


FIG.3

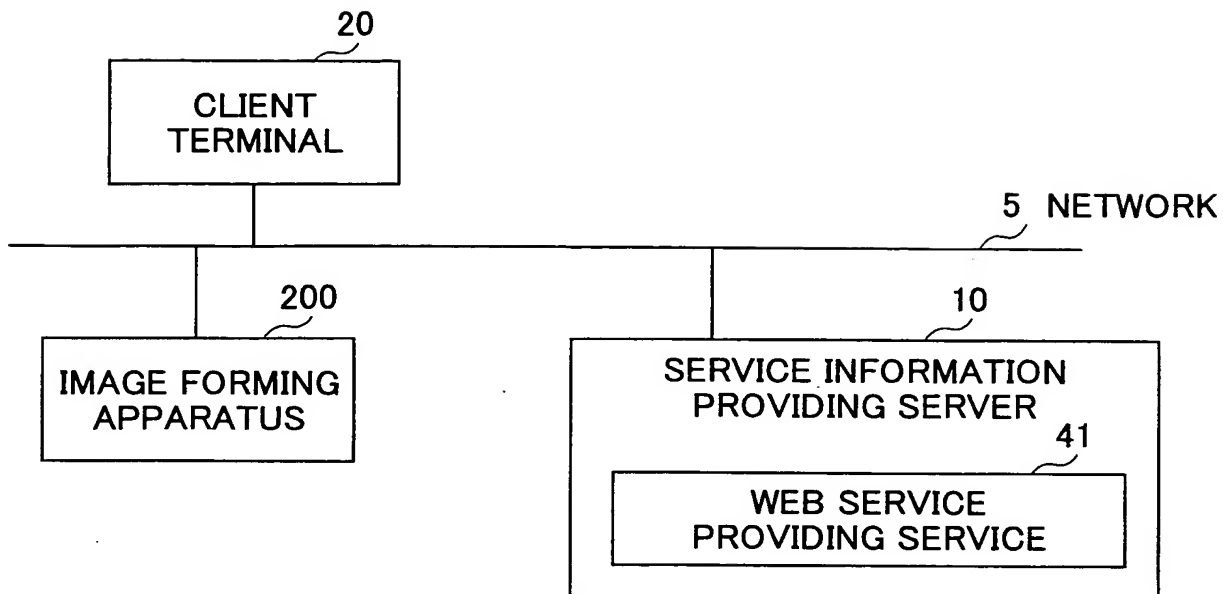
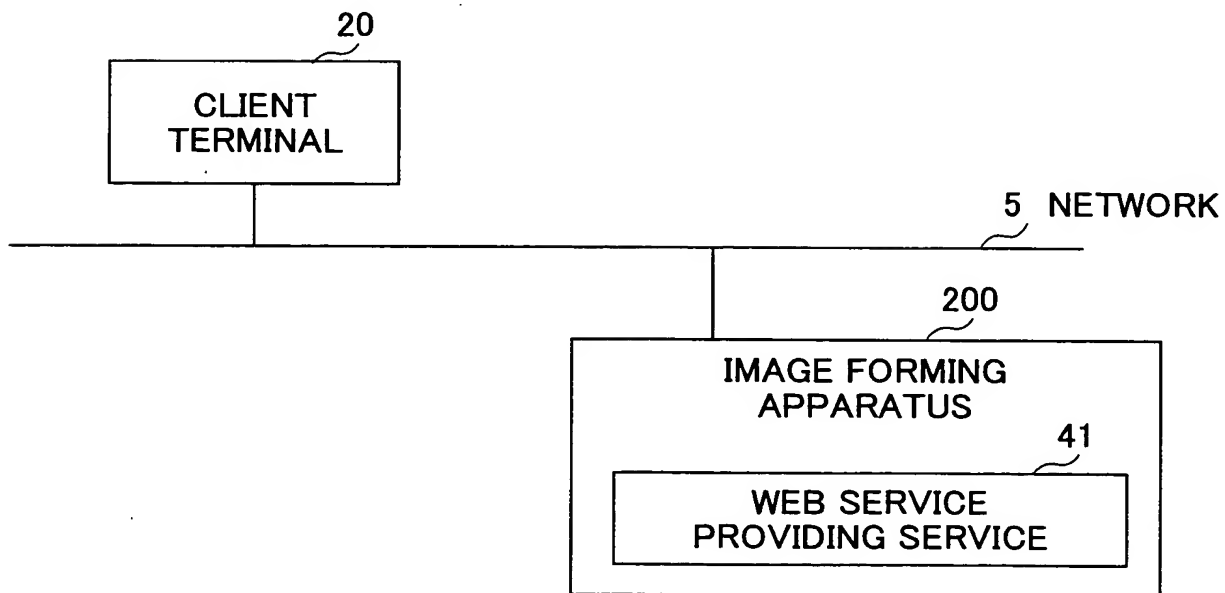
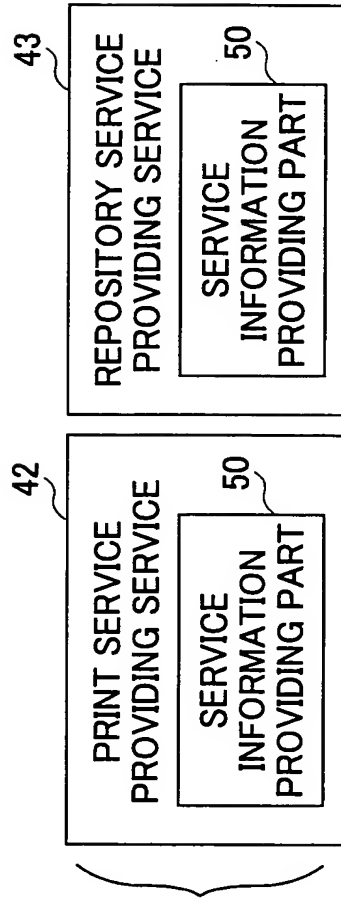


FIG.4



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WEB SERVICE  
PROVIDING SERVICE  
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...

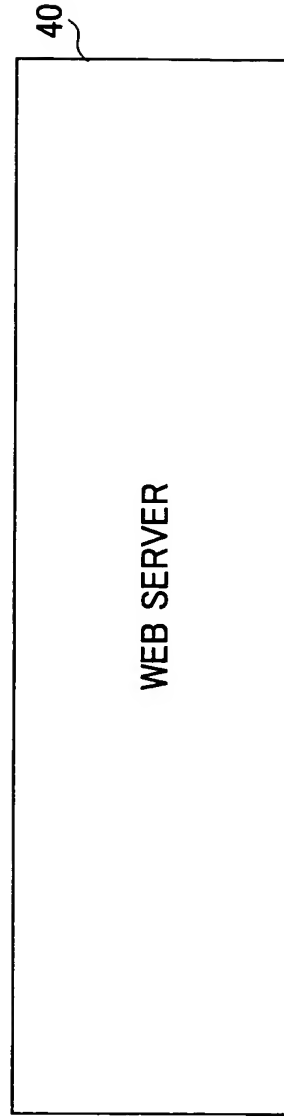


FIG.5

FIG.6

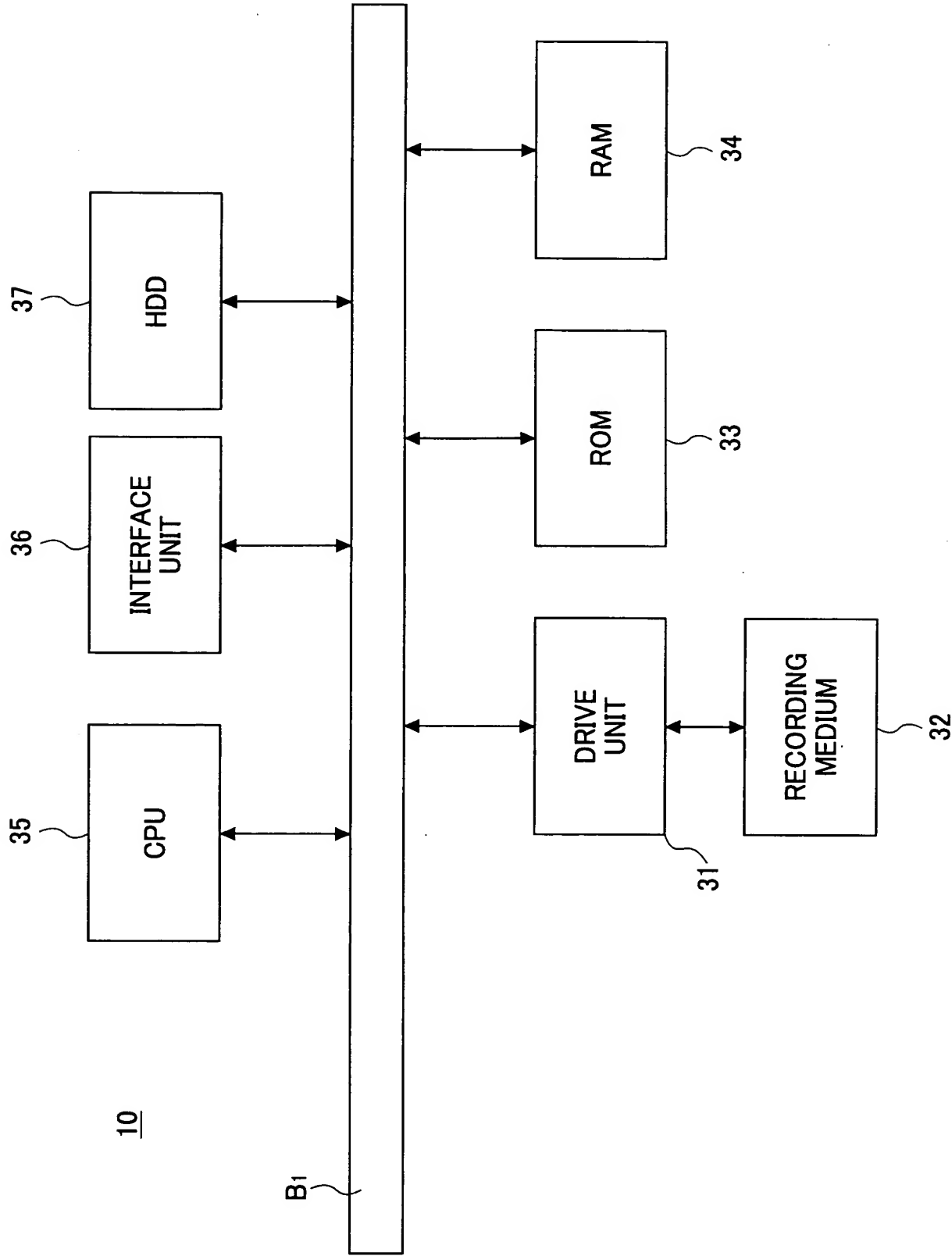


FIG. 7

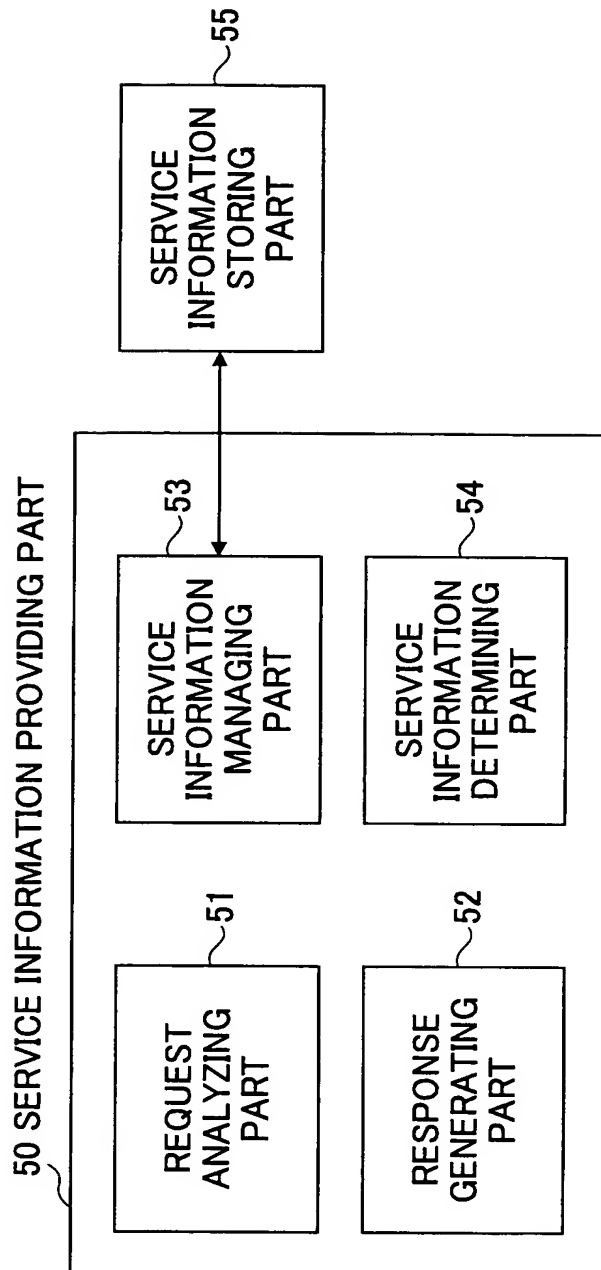


FIG.8

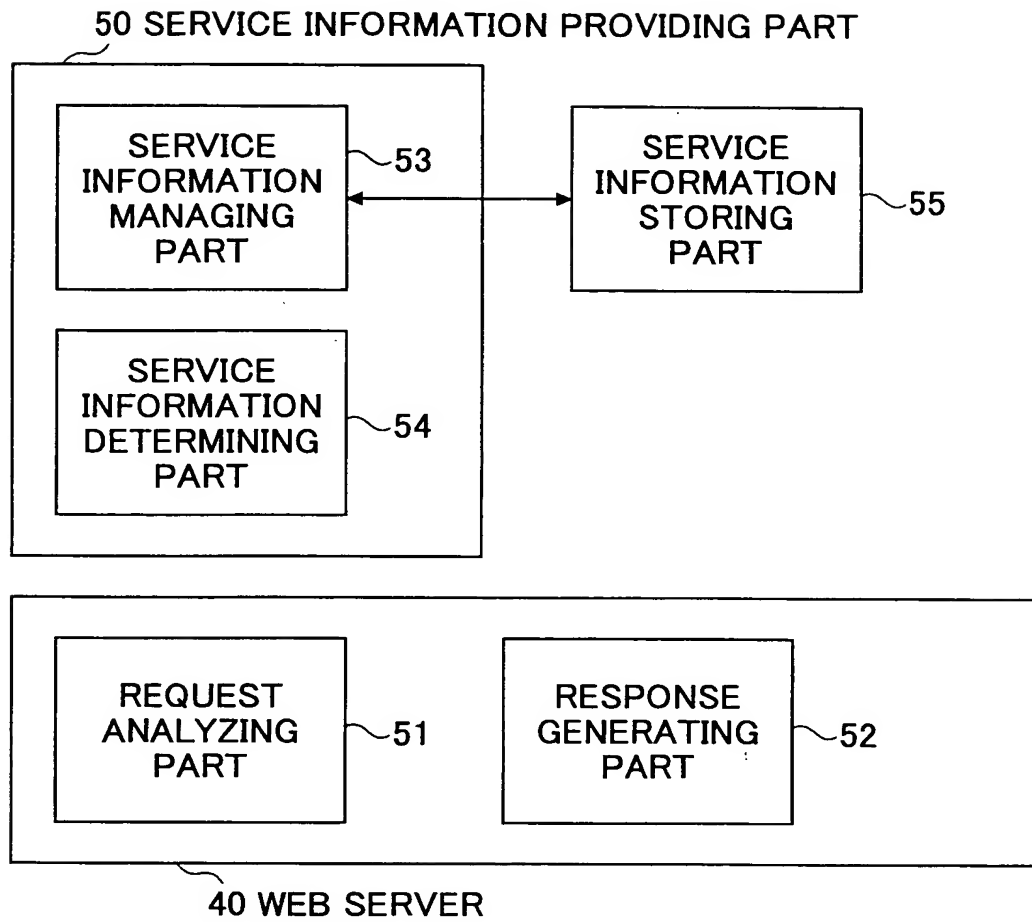


FIG.9

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| Name  | Display Name             | Access port | Access Uri | Type | Machine Name          |
|-------|--------------------------|-------------|------------|------|-----------------------|
| Print | High speed print service | 80          | /print     | mfp  | Third floor east side |



FIG.10

| Name  | Display Name                | Display Name ja | Access port | Access Uri | Type | Machine Name             | Machine Name ja |
|-------|-----------------------------|-----------------|-------------|------------|------|--------------------------|-----------------|
| Print | High speed<br>print service | 高速プリント<br>サービス  | 80          | /print     | mfp  | Third floor<br>east side | 3階東側            |

FIG.11

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| Name  | Display Name                | Display Name ja | Access port | Access Uri | Type | Machine Name             | Machine Name ja | Icon  |
|-------|-----------------------------|-----------------|-------------|------------|------|--------------------------|-----------------|---|
| Print | High speed<br>print service | 高速プリント<br>サービス  | 80          | /print     | mfp  | Third floor<br>east side | 3階東側            | jh76FSD8wefqwde2D<br>Ste53uiweyr7wyr723<br>fr23rr8fwe |

## FIG.12

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```
<serviceList>
  <service>
    <Name>Print</Name>
    <DisplayName xml:lang='en'>High speed print service</DisplayName>
    <DisplayName xml:lang='ja'>高速プリントサービス</DisplayName>
    <AccessPort>80</AccessPort>
    <Type>mfp</Type>
    <MachineName xml:lang='en'>Third floor east side</MachineName>
    <MachineName xml:lang='ja'>3階東側</MachineName>
  </service>
  <service>
    ...
  </service>
</serviceList>
```

## FIG.13

M-SEARCH \* HTTP/1.1  
HOST: 239.255.255.250:1900  
MAN: "ssdp:discover"  
ST: http://foo/var/repository?type=mfp

## FIG.14

HTTP/1.1 200 OK  
DATE: Tue, 15 Sep 2002 08:12:31 GMT  
ST:  
http://foo/var/repository?type=mfp&machinename=Third Floor east  
side&displayname=Repository for Development section  
LOCATION: http://133.139.210.53:8080/repository.wsd

## FIG.15

M-SEARCH \* HTTP/1.1  
HOST: 239.255.255.250:1900  
MAN: "ssdp:discover"  
ST: http://foo/var/repository?type=mfp&lang=ja

## FIG.16

HTTP/1.1 200 OK  
DATE: Tue, 15 Sep 2002 08:12:31 GMT  
ST:  
<http://foo/var/repository?type=mfp&machinename=3階東側&displayname=開発部用リポジトリサービス>  
LOCATION: <http://133.139.210.53:8080/repository.wsdl>

## FIG.17

HTTP/1.1 200 OK  
DATE: Tue, 15 Sep 2002 08:12:31 GMT  
ST:  
<http://foo/var/repository?type=mfp&machinename=3階東側&displayname=開発部用リポジトリサービス&icon=jh76FSD8wefqwde2DSte53uiweyr7wyr723fr23rr8fwe>  
LOCATION: <http://133.139.210.53:8080/repository.wsdl>

FIG.18

```
<service>
  <location>http://133.139.210.53:8080/repository.wsdl?foo</location>
  <referencedService>repository</referencedService>
  <machineName lang="en">Third floor east side</machineName>
  <machineName lang="ja">3階東側</machineName>
  <displayName lang="en">Repository for Development section</displayName>
  <displayName lang="ja">開発部用リポジトリ</displayName>
  <icon>jh76FSD8wefqwde2DSte53uiweyr7wyr723fr23rr8fwe</icon>
</service>
```

FIG.19

```
<inspection>
<service>
  <location>http://133.139.210.53:8080/repository?food</location>
  <referenced>repository</referenced>
  <machineName lang="en">Third floor east side</machineName>
  <machineName lang="ja">3階東側</machineName>
  <displayName lang="en">Repository for Development section</displayName>
  <displayName lang="ja">開発部用リポジトリ</displayName>
  <icon>jh76FSD8wefqwde2DSte53uiweyr7wyr723fr23rr8fwe</icon>
</service>
<service>
  <location>http://133.139.210.53:8080/repository.wsdl?bar</location>
  <referencedService>repository</referencedService>
  <machineName lang="en">Third floor east side</machineName>
  <machineName lang="ja">3階東側</machineName>
  <displayName lang="en">Repository for Marketing section</displayName>
  <displayName lang="ja">マーケティング部用リポジトリ</displayName>
  <icon>lkjDEFJuf8e4jirf8y4rf8jhf8fEHl09u8we</icon>
</service>
<service>
  <location>http://133.139.210.53:/print.wsdl</location>
  <referencedService>print</referencedService>
  <machineName lang="en">Third floor east side</machineName>
  <machineName lang="ja">3階東側</machineName>
  <displayName lang="en">High speed print service</displayName>
  <displayName lang="ja">高速プリントサービス</displayName>
  <icon>sjd824joJD99rjtgiro984jHEFRDF94rjo0IERFJIEFJE0</icon>
</service>
</inspection>
```

FIG.20

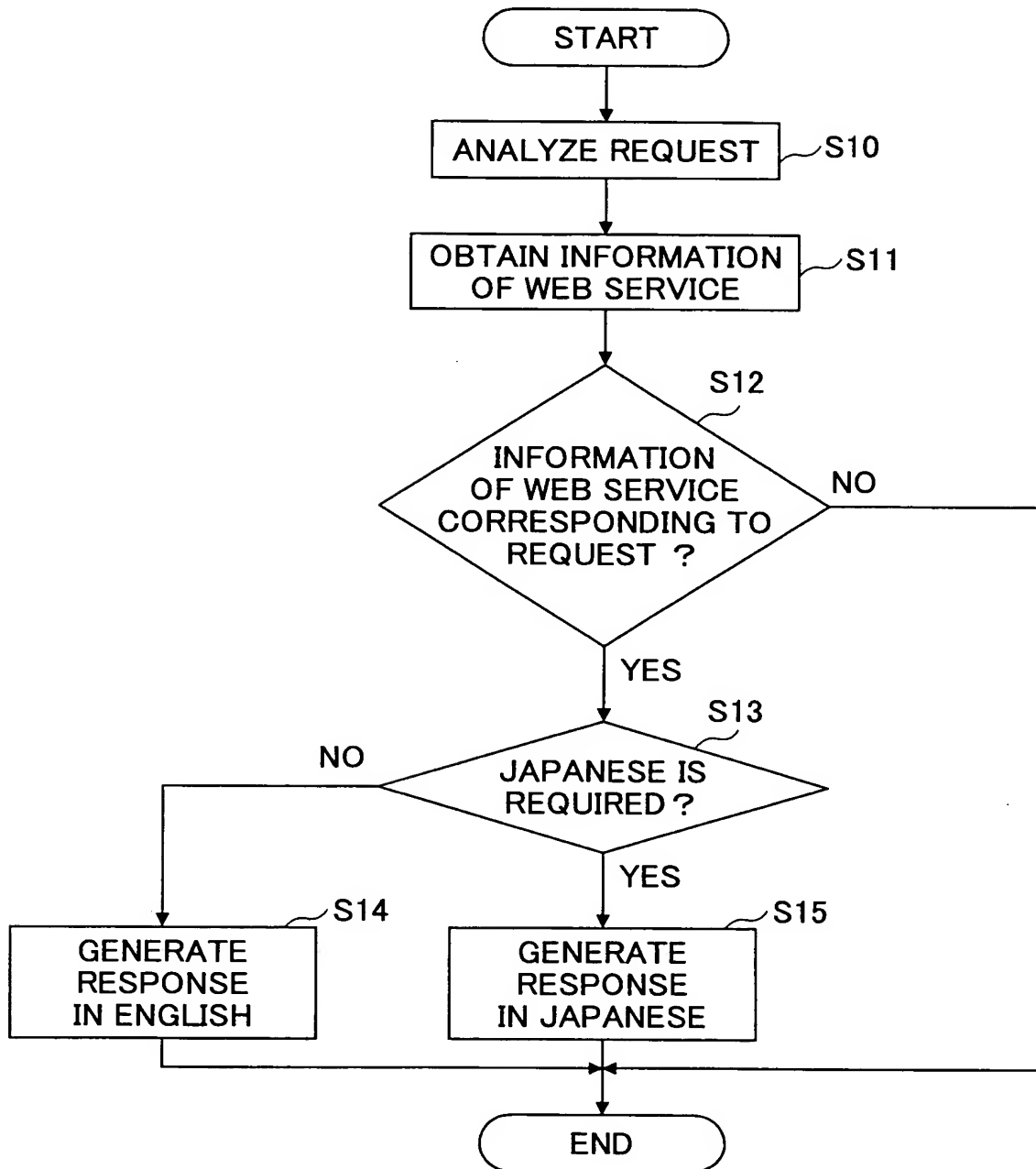




FIG.21

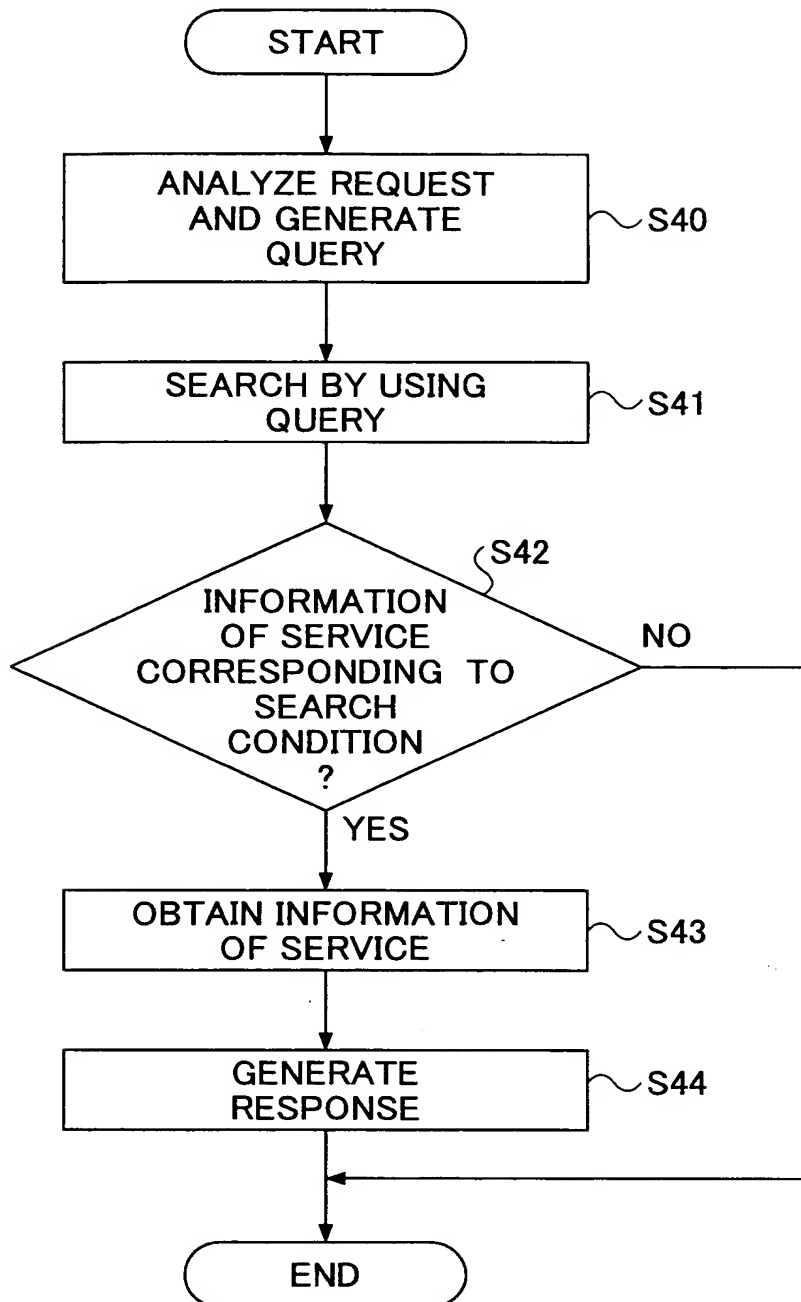


FIG.22

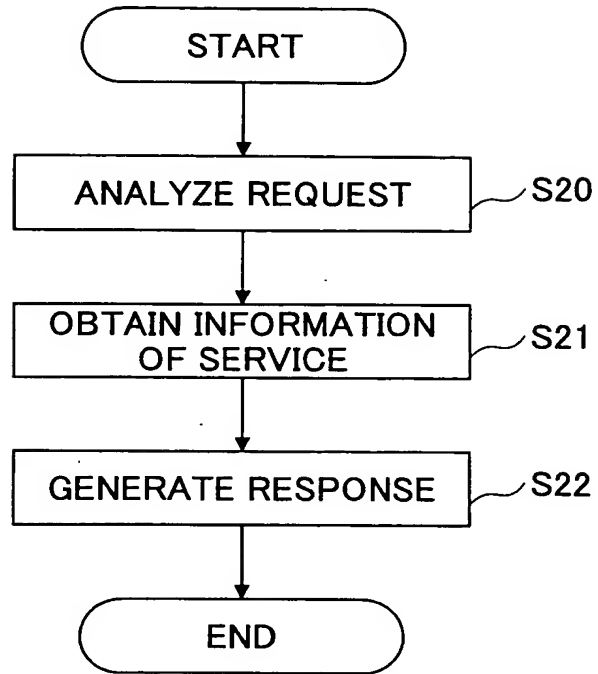


FIG.23

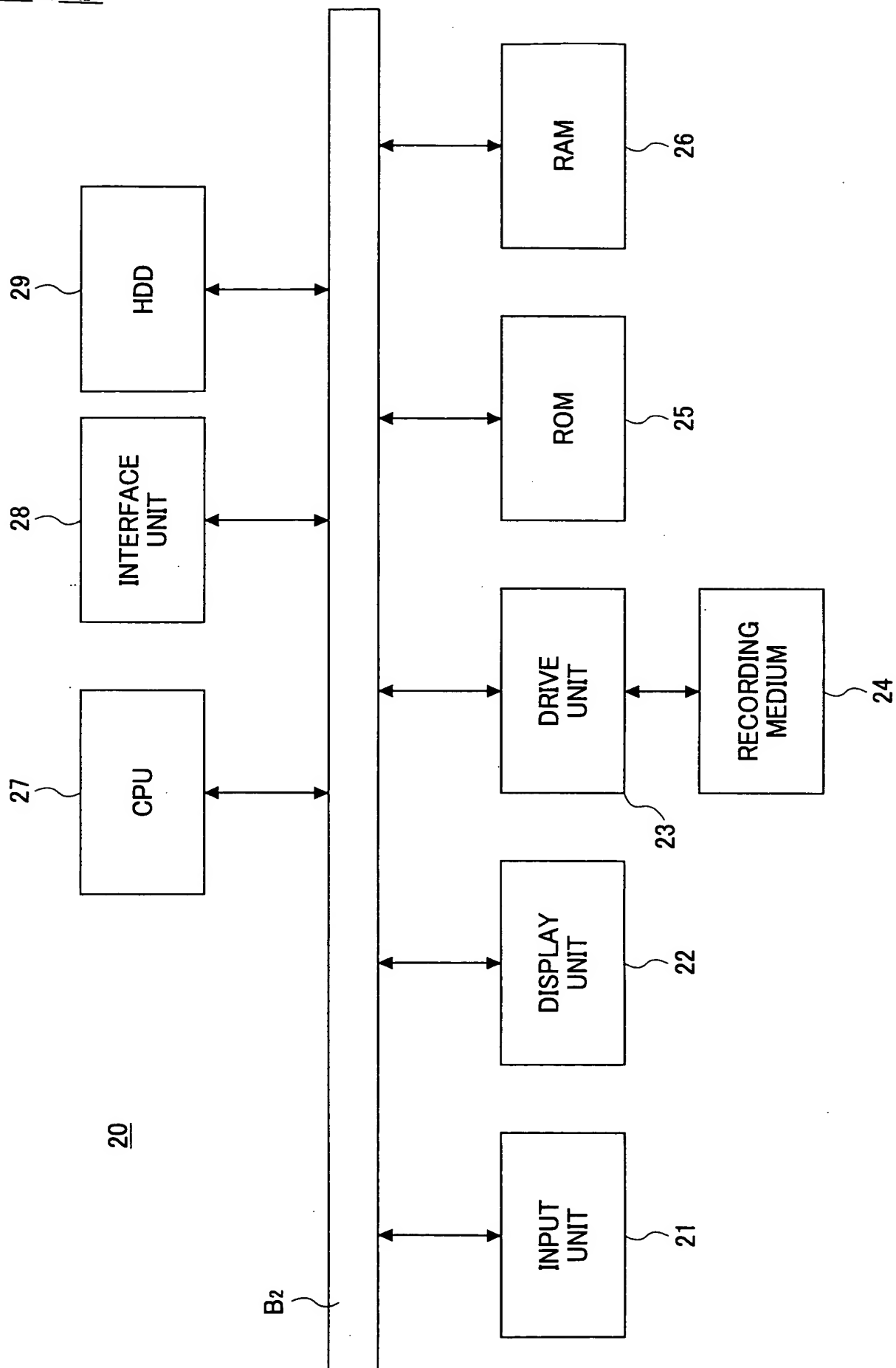


FIG.24

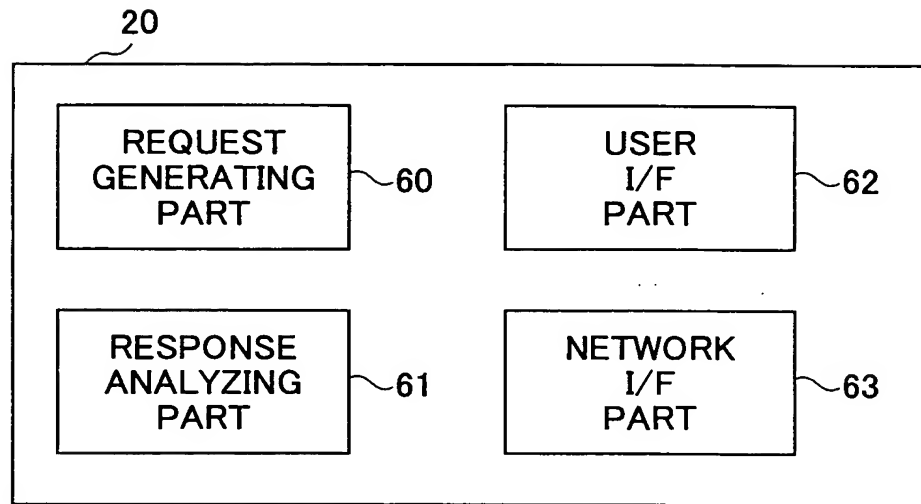


FIG.25

Please select a service to search.

☒ Repository Service

☐ Print Service

☐ Scan Service

OK

FIG.26

Please select a service to use.

☒ Repository for Development(East Side on 3rd Floor)

☐ Repository for Marketing(East Side on 3rd Floor)

OK




FIG.27

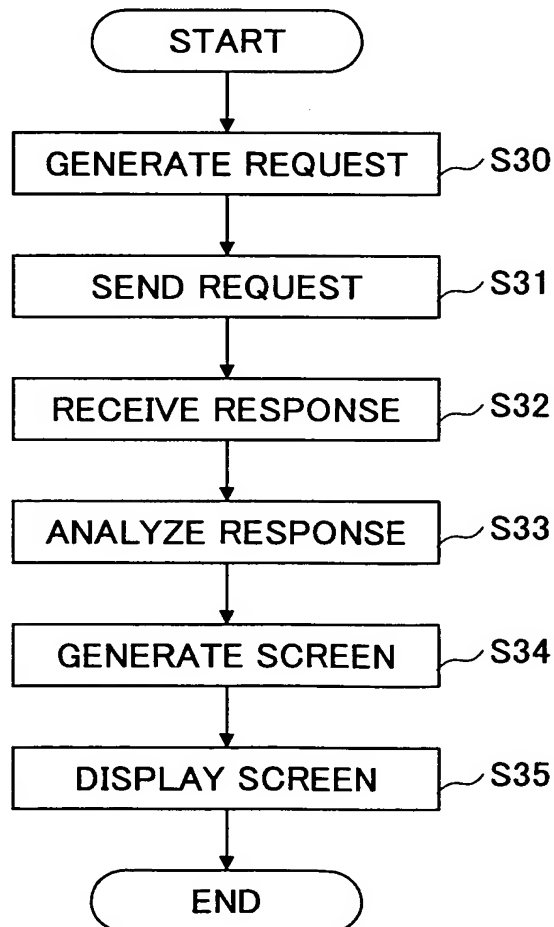


FIG.28

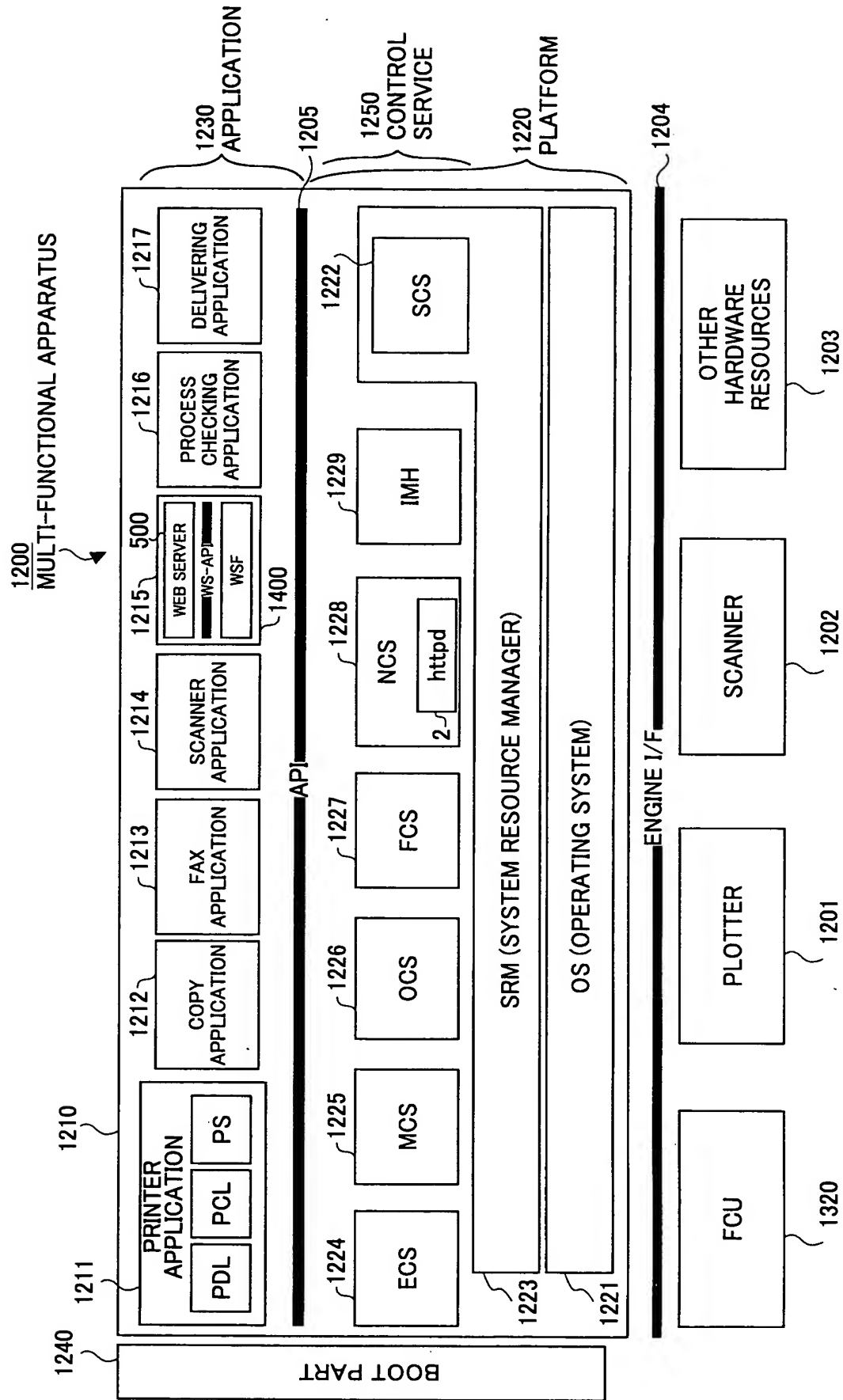


FIG.29

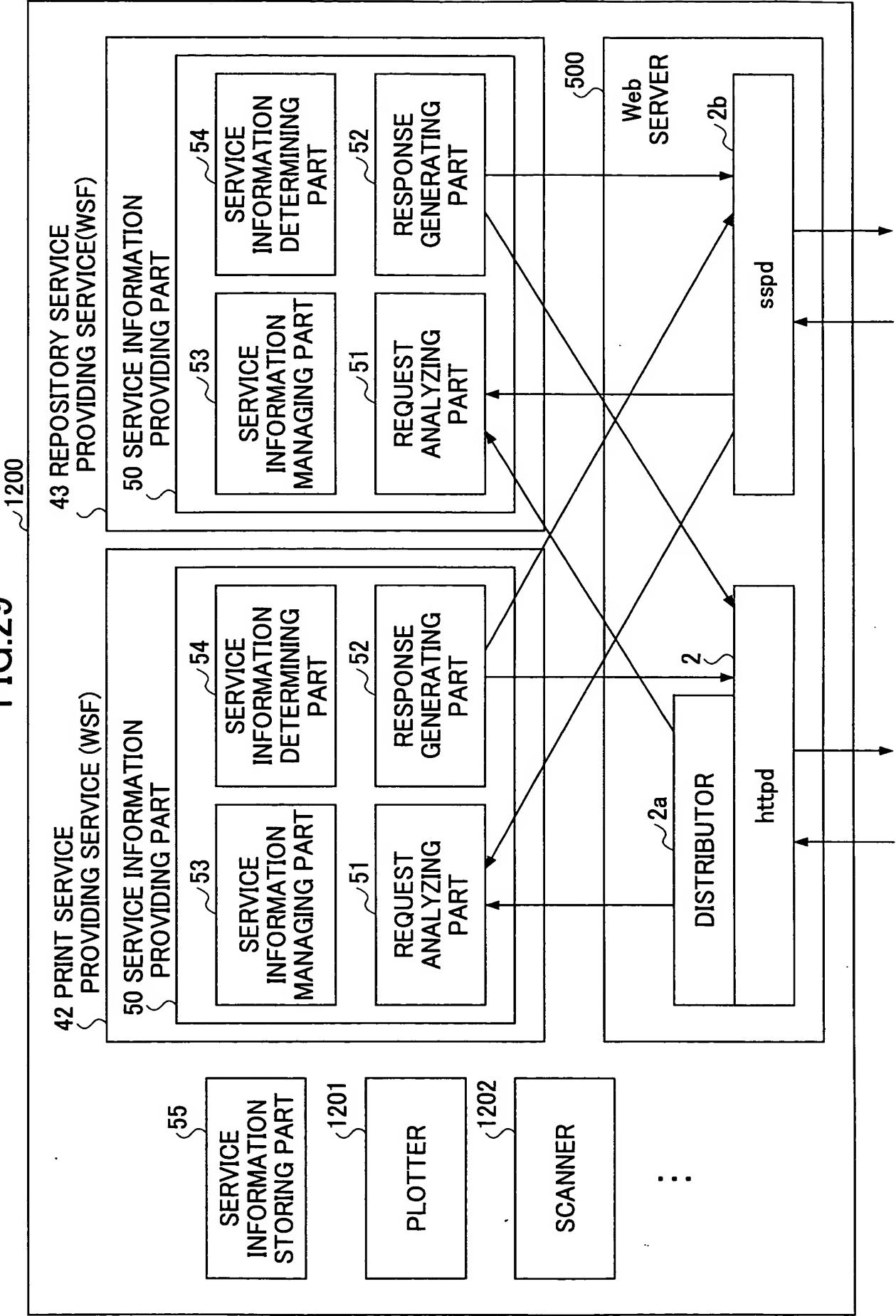


FIG.30

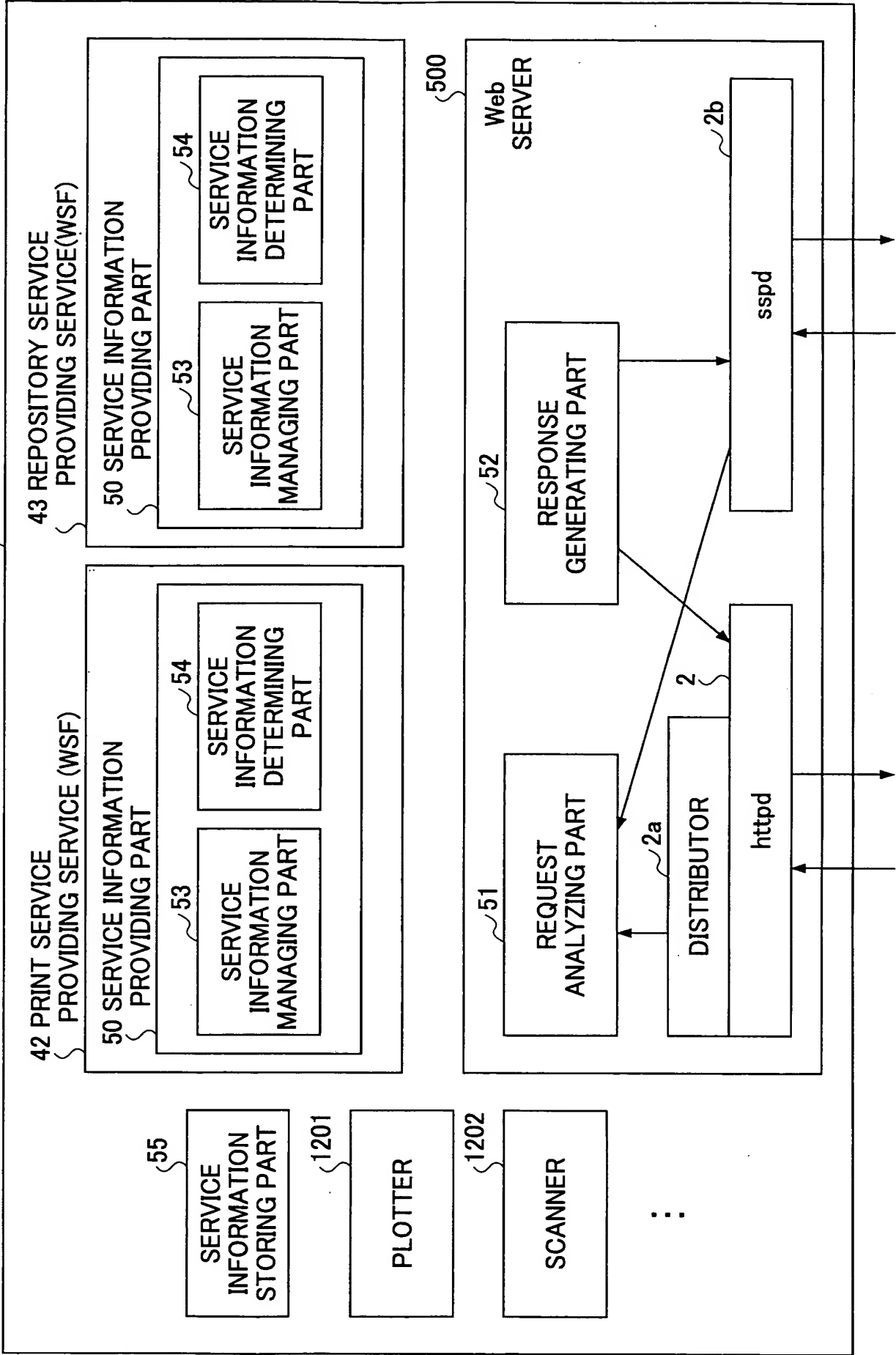




FIG.31

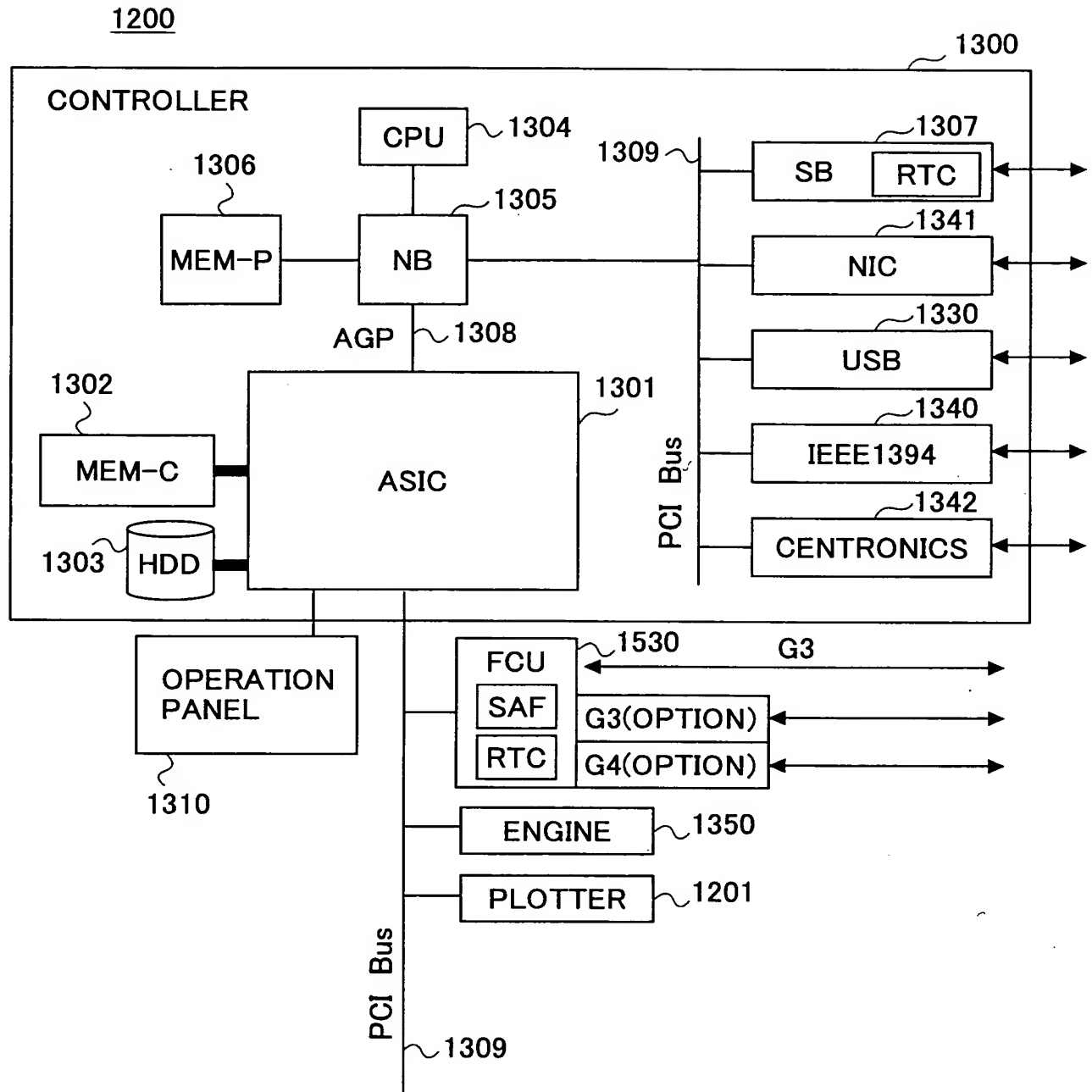


FIG.32

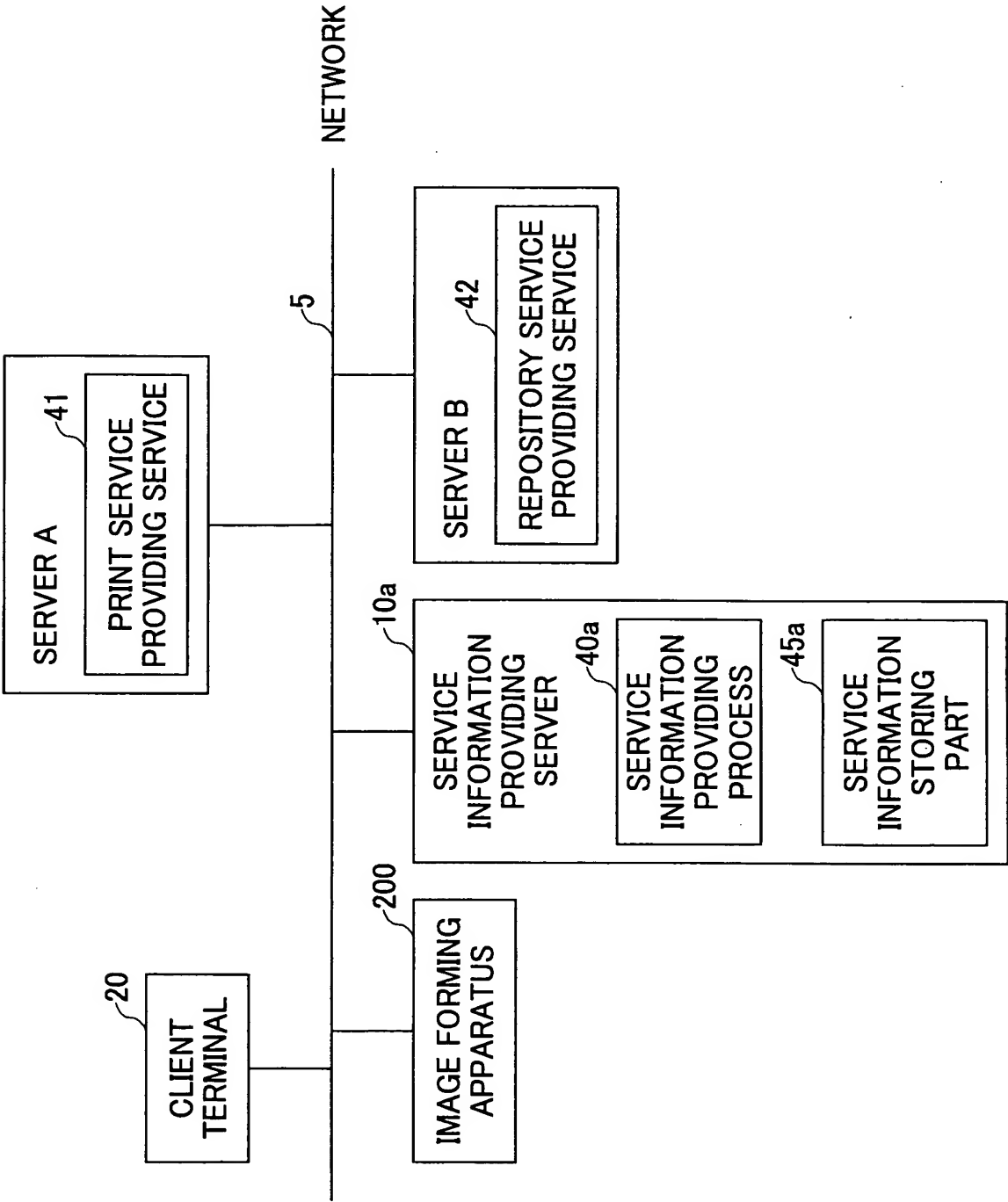


FIG.33

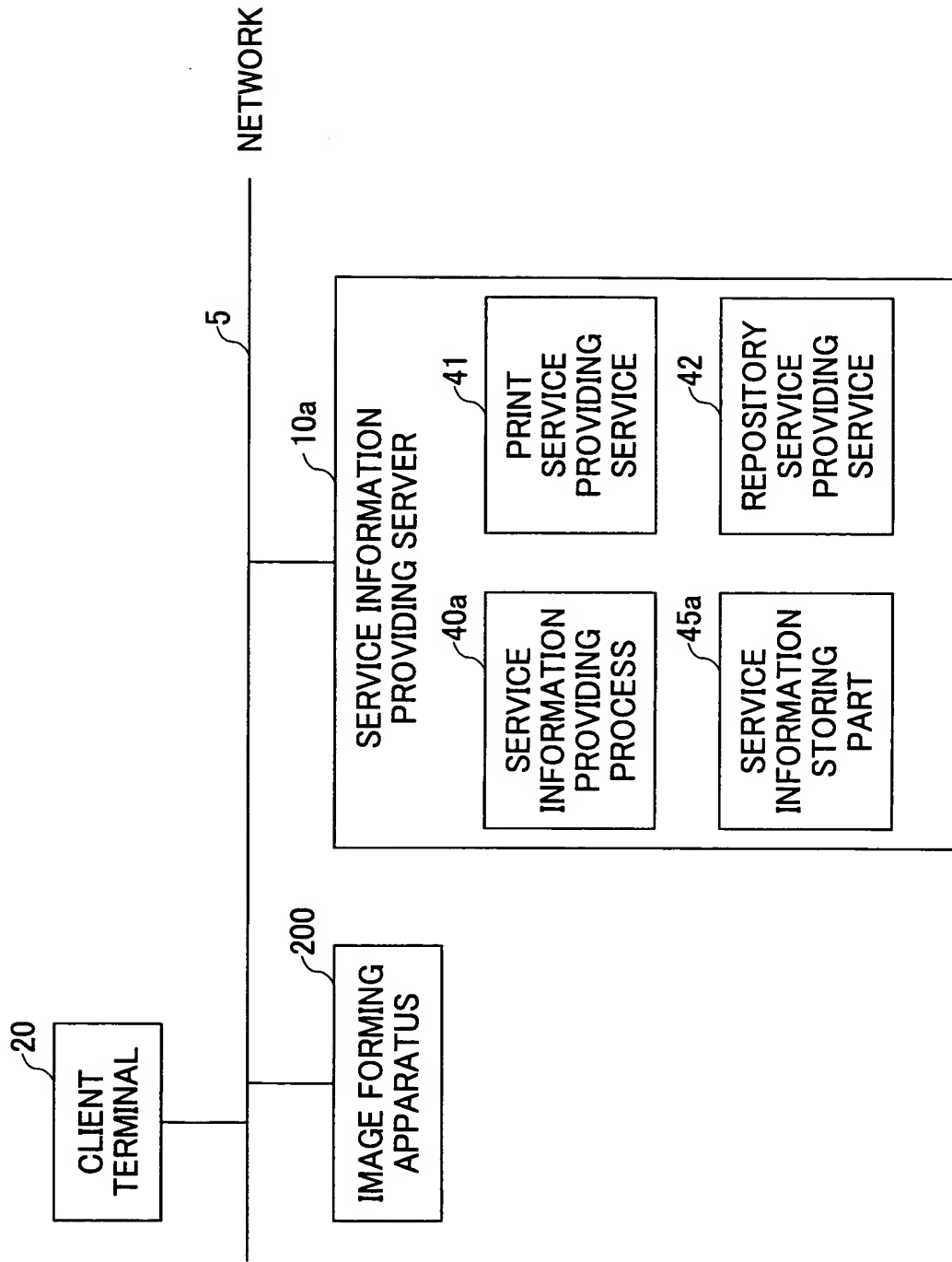


FIG.34

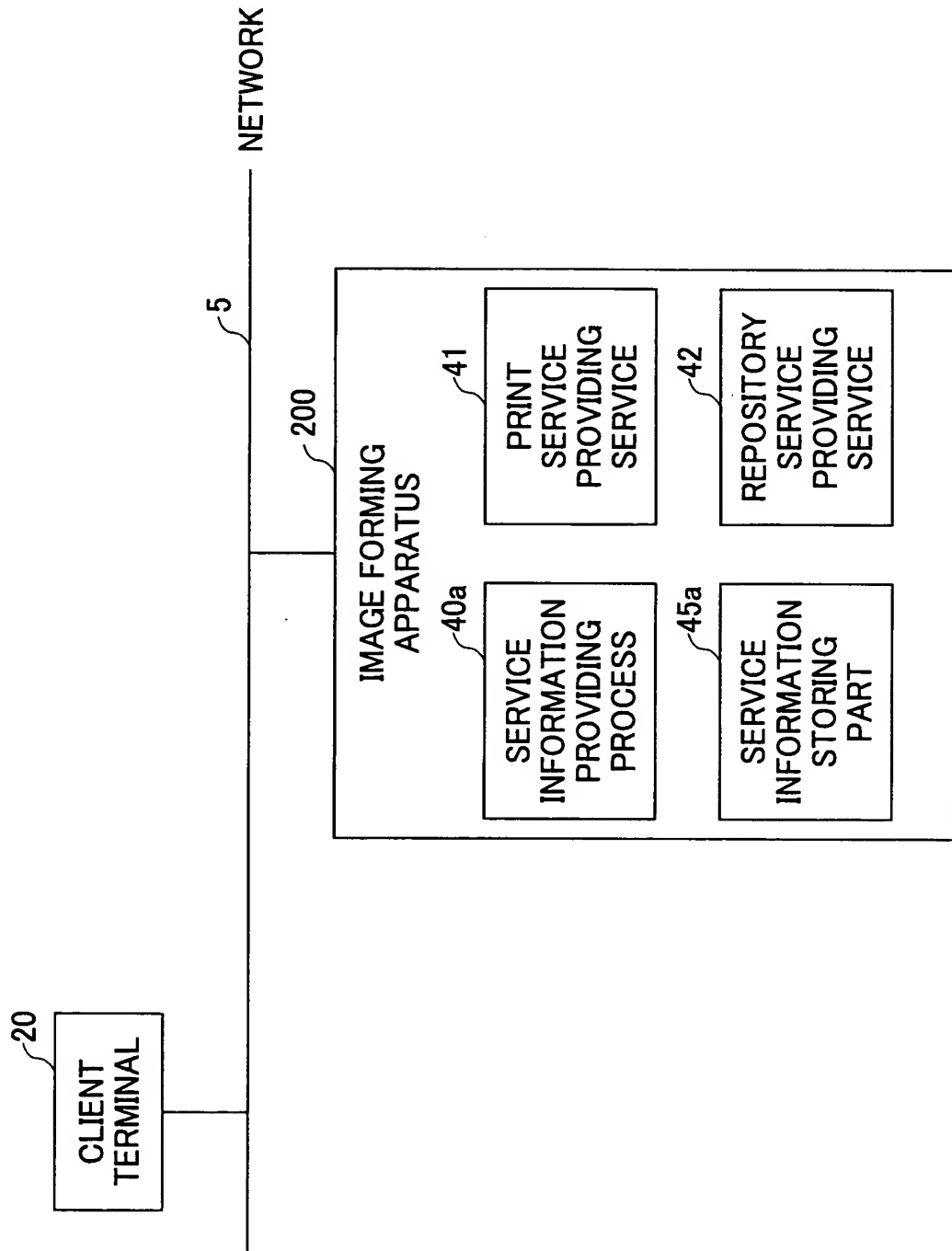


FIG.35

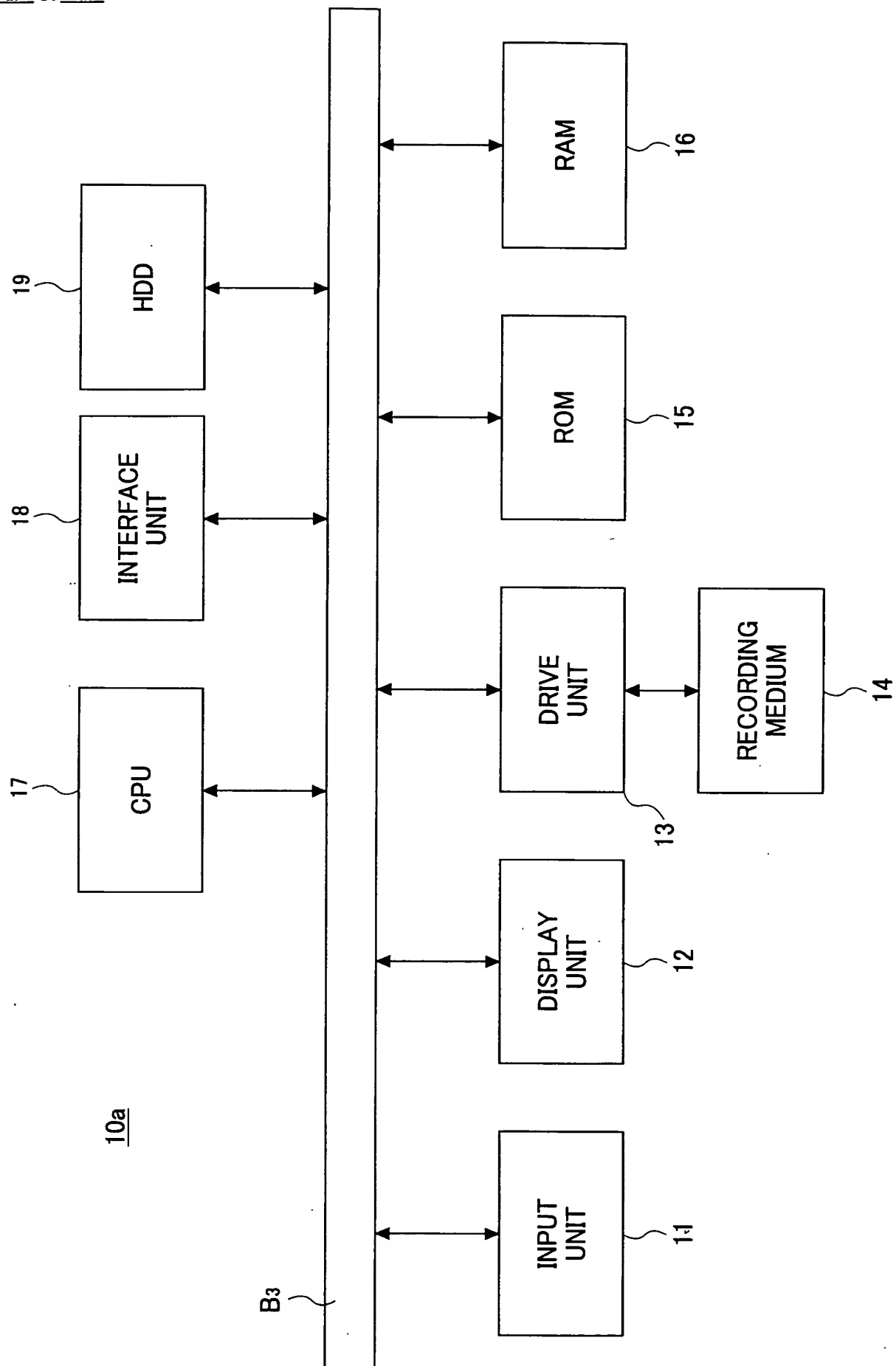


FIG.36

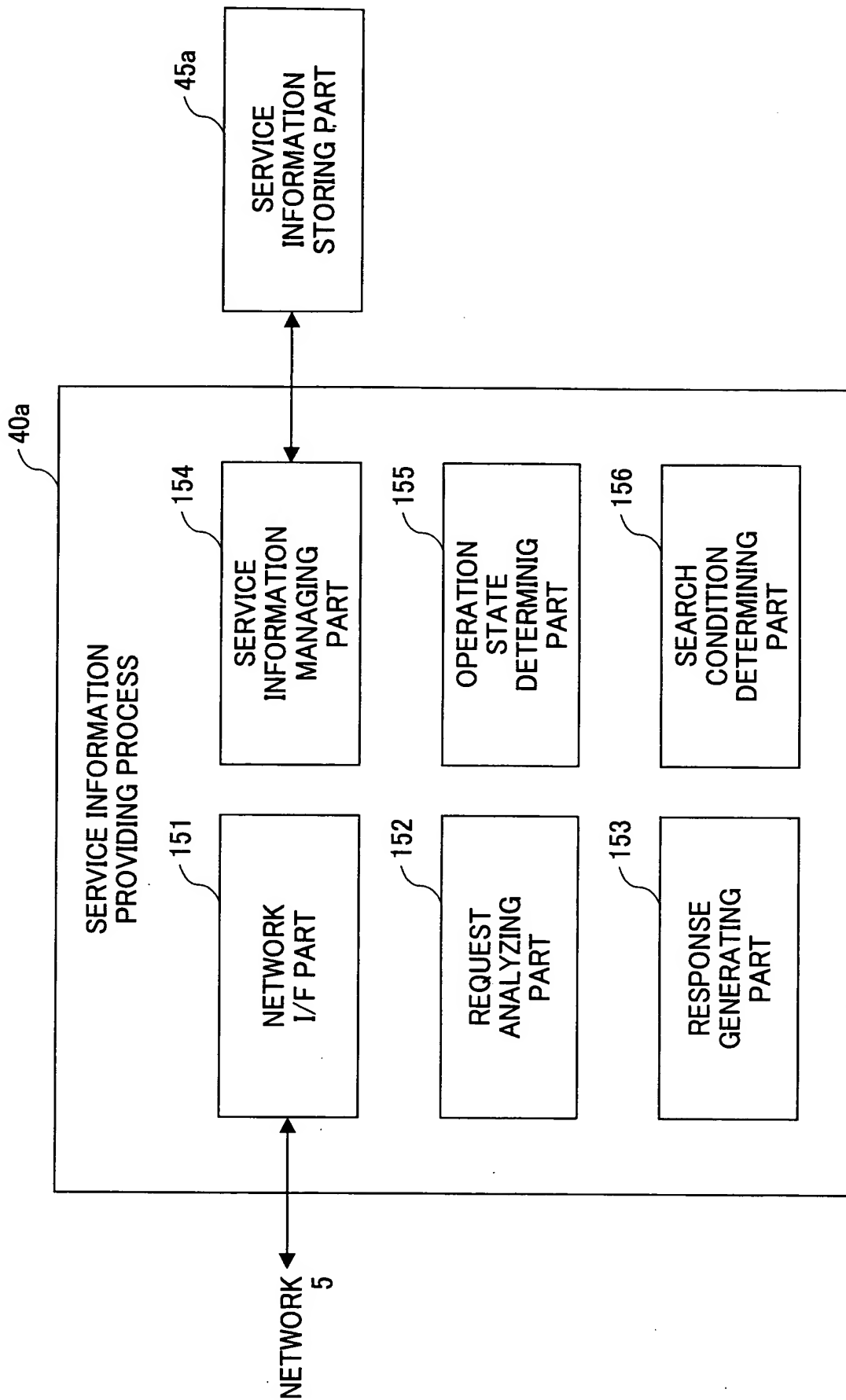


FIG.37

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| Name       | Display Name                       | Access port | Access Uri    | Active | Type  | Machine Name          | Internet Protocol Address |
|------------|------------------------------------|-------------|---------------|--------|-------|-----------------------|---------------------------|
| Print      | High speed print service           | 80          | /print        |        | 1 mfp | Third floor east side | 192.168.~.1               |
| Repository | Repository for Development section | 8080        | /axis/servlet |        | 1 mfp | Third floor east side | 192.168.~.1               |
| .          | .                                  | .           | .             | .      | .     | .                     | .                         |
| .          | .                                  | .           | .             | .      | .     | .                     | .                         |







## FIG.40

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```
<serviceList>
  <service>
    <Name>Print</Name>
    <DisplayName xml : lang=' en' >High speed print service</DisplayName>
    <DisplayName xml : lang=' ja' >高速プリントサービス</DisplayName>
    <AccessPort>80</AccessPort>
    <Type>mfp</Type>
    <MachineName xml : lang=' en' >Third floor east side</MachineName>
    <MachineName xml : lang=' ja' >3階東側</MachineName>
    <InternetProtocolAddress>192.168.~.1</InternetProtocolAddress>
  </service>
  <service>
    ...
  </service>
</serviceList>
```

## FIG.41

```
M-SEARCH * HTTP/1.1
HOST: 239.255.255.250:1900
MAN: "ssdp:discover"
ST: http://foo/var/repository?type=mfp
```

## FIG.42

```
HTTP/1.1 200 OK
DATE: Tue, 15 Sep 2002 08:12:31 GMT
ST:
http://foo/var/repository?type=mfp&machinename=Third Floor east
side&displayname=Repository for Development section
LOCATION: http://133.139.210.53:8080/repository.wsd
```

## FIG.43

```
M-SEARCH * HTTP/1.1
HOST: 239.255.255.250:1900
MAN: "ssdp:discover"
ST: http://foo/var/repository?type=mfp&lang=ja
```

## FIG.44

HTTP/1.1 200 OK  
DATE: Tue, 15 Sep 2002 08:12:31 GMT  
ST:  
http://foo/var/repository?type=mfp&machinename=3階東側&displayname  
=開発部用リポジトリサービス  
LOCATION: http://133.139.210.53:8080/repository.wsdl

## FIG.45

HTTP/1.1 200 OK  
DATE: Tue, 15 Sep 2002 08:12:31 GMT  
ST:  
http://foo/var/repository?type=mfp&machinename=3階東側&displayname  
=開発部用リポジトリサービス&icon=jh76FSD8wefqwde2DSte53uiweyr7wyr  
723fr23rr8fwe  
LOCATION: http://133.139.210.53:8080/repository.wsdl

## FIG.46

HTTP/1.1 200 OK

DATE: Tue, 15 Sep 2002 08:12:31 GMT

ST:http://foo/var/repository?type=mfp&machinename=3階東側  
&displayname=開発部用リポジトリサービス&machinename=3階東側  
&displayname=マーケティング部用リポジトリサービス

LOCATION: http://133.139.210.53:8080/repository.wsdl

## FIG.47

M-SEARCH \*HTTP/1.1

HOST: 239.255.255.250:1900

MAN:"ssdp:discover"

ST:http://foo/var/scan?with=print

## FIG.48

HTTP/1.1 200 OK

DATE: Tue, 15 Sep 2002 08:12:31 GMT

ST:http://foo/var/scan?with=print&machinename=third floor east  
side&displayname=scanner with print device

LOCATION: http://133.139.210.53:8080/scan.wsdl

FIG.49

```
<inspection>
<service>
  <location>http://133.139.210.53:8080/repository.wsdl?foo</location>
  <referencedService>repository</referencedService>
  <machineName lang="en">Third floor east side</machineName>
  <machineName lang="ja">3階東側</machineName>
  <displayName lang="en">Repository for Development section</displayName>
  <displayName lang="ja">開発部用リポジトリ</displayName>
  <icon>jh76FSD8wefqwde2DSte53uiweyr7wyr723fr23rr8fwe</icon>
</service>
<service>
  <location>http://133.139.210.53:8080/repository.wsdl?bar</location>
  <referencedService>repository</referencedService>
  <machineName lang="en">Third floor east side</machineName>
  <machineName lang="ja">3階東側</machineName>
  <displayName lang="en">Repository for Marketing section</displayName>
  <displayName lang="ja">マーケティング部用リポジトリ</displayName>
  <icon>lkjDEFJuf8e4jirf8y4rf8jhf8fIEFH109u8we</icon>
</service>
<service>
  <location>http://133.139.210.53:print.wsdl</location>
  <referencedService>print</referencedService>
  <machineName lang="en">Third floor east side</machineName>
  <machineName lang="ja">3階東側</machineName>
  <displayName lang="en">High speed print service</displayName>
  <displayName lang="ja">高速プリントサービス</displayName>
  <icon>sjd824joJD99rjtgiro984jHEFRDF94rjo0IERFJIEFJE0</icon>
</service>
</inspection>
```

FIG.50

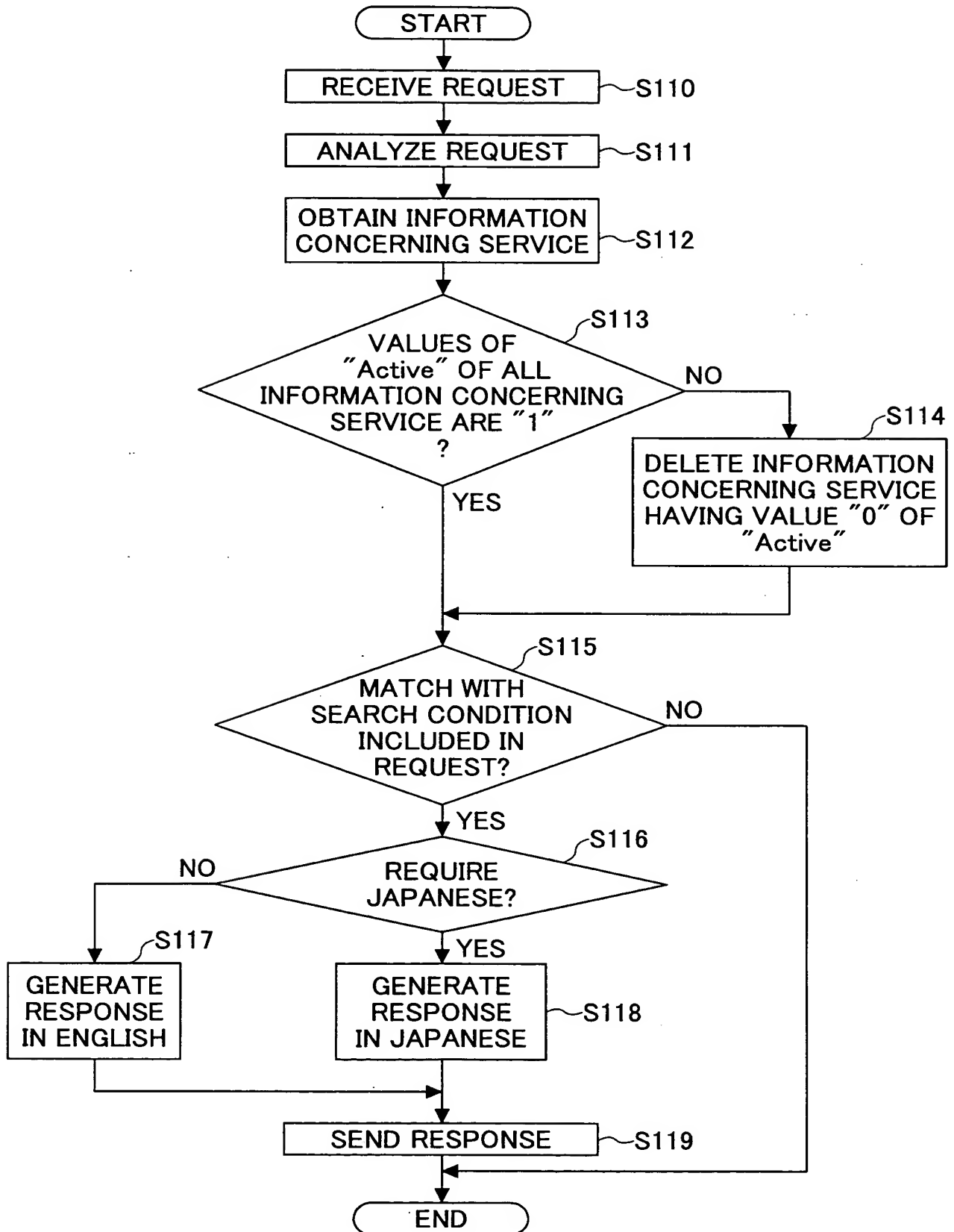


FIG.51

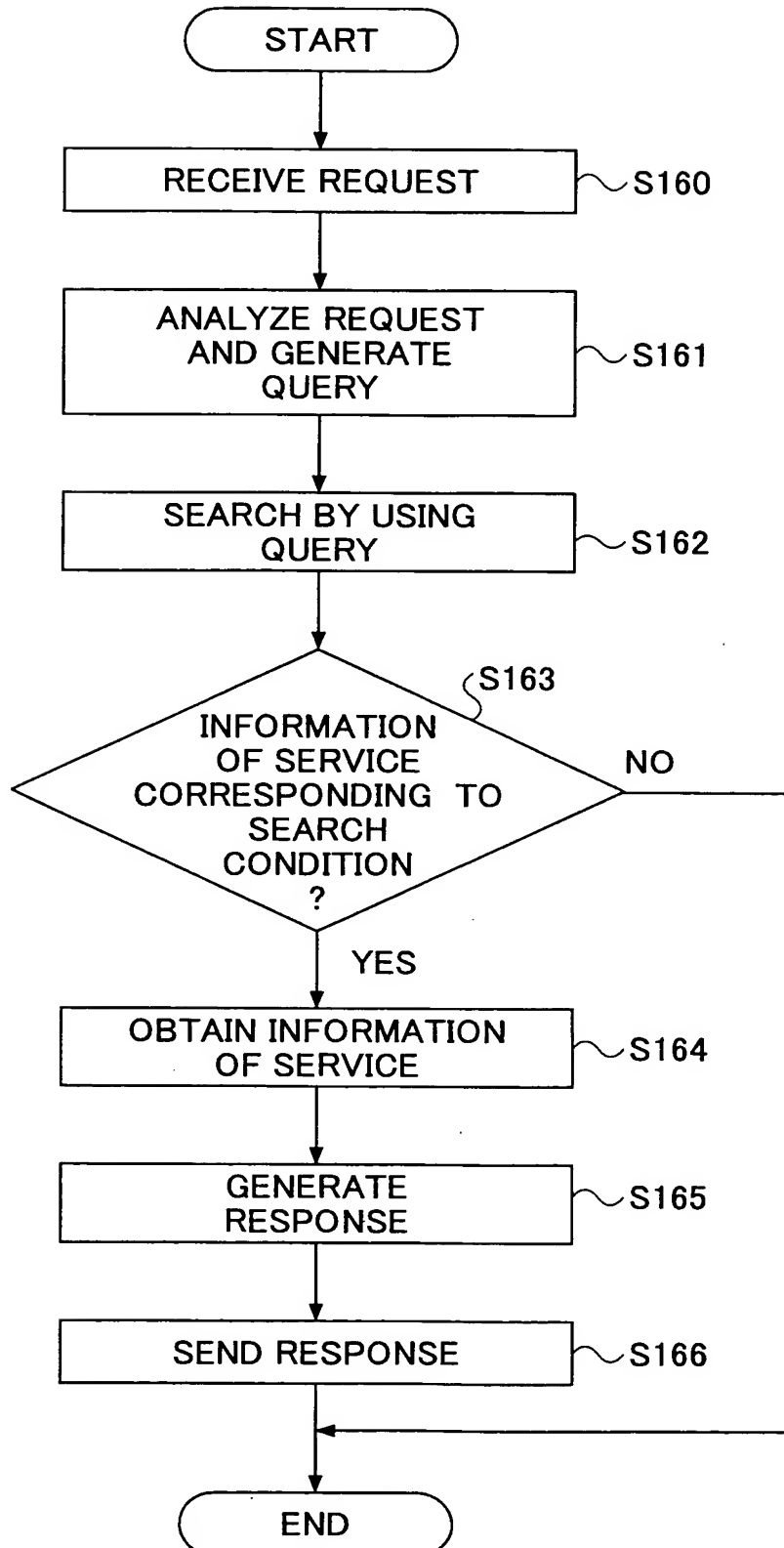




FIG.52

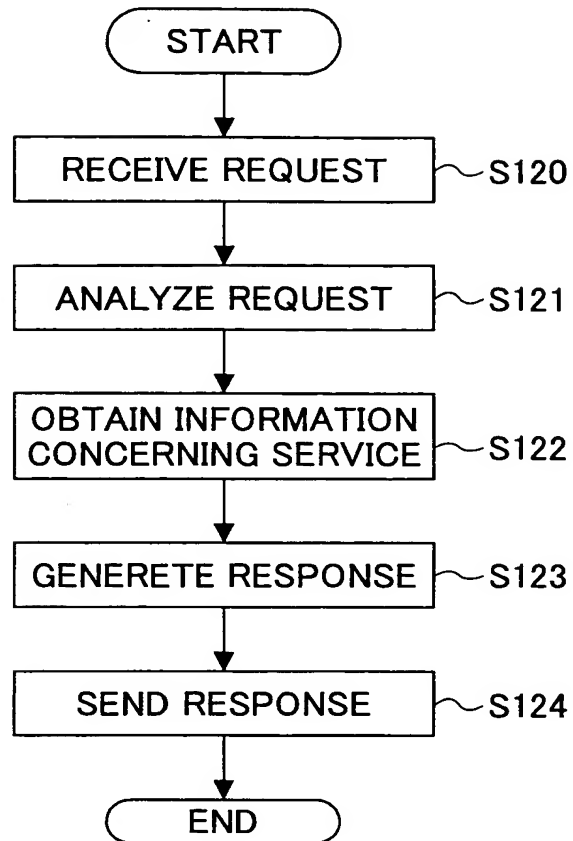


FIG.53

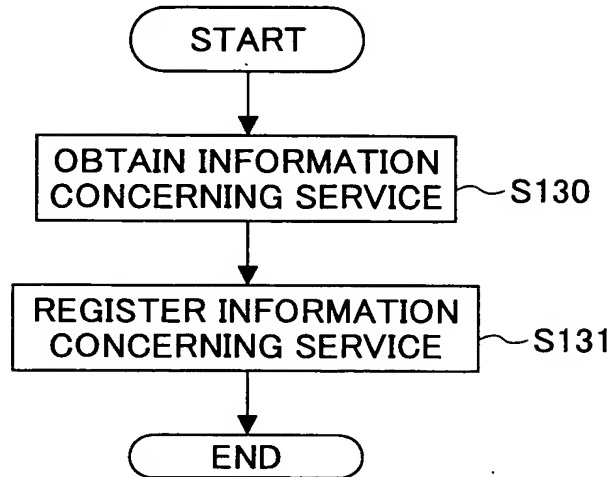


FIG.54

